SRM-121/150

12.1"/15" Sunlight Readable TFT LCD Monitor

Fanless

SRM Series

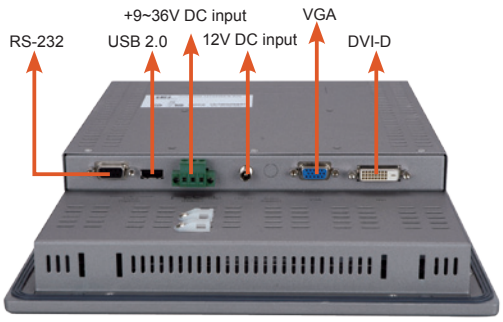
With Auto-Dimming Function

Open Frame

SRM-KIT Series

Extendable OSD Cable with Auto-Dimming Function

High Brightness | Auto Dimming | IP 65 | Wide Temperature | Anti Reflection



Features

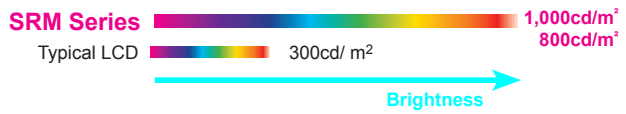
1. 800 and 1000nits super high brightness
2. Superior fanless design
3. 12.1" anti-reflection technology reduces light reflection and high transmission rate to prevent light loss or distortion
4. Adjustable auto-dimming function
5. Wide operating temperature:-10ºC~+60ºC
6. OSD lock secures your settings
7. IEI patent software OSD support

Specifications

Model	SRM-121XA	SRM-150GS
	SRM-KIT121XA	SRM-KIT150G
LCD Size	12.1"	15"
Input Interface	Analog VGA + DVI-D	
Max Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness (cd/m²)	1000	800
Contrast Ratio	700:1	600:1
Display Color	262k	262k
Pixel Pitch (mm)	0.240	0.297
Viewing Angle (H/V)	120°/120°	150°/110°
Touch Screen	Resistive Type 5-Wire	
Front Frame	Aluminum	
Chassis	Heavy-duty	
Input Voltage	9-36VDC	
OSD function	Yes	
Smart-OSD	Yes	
Mounting	Wall / Panel / Rack / Arm / Stand / VESA 100mm x 100mm	
	Panel	
Color	Sliver	
Dimensions (W x H x D mm)	340 x 260 x 58	410 x 309 x 55.1
	316 x 224.4 x 47.9	364.1 x 262.5 x 46
Operating Temperature	-10°C ~ +60°C	
Front Panel Protection	IP 65	
	N/A	
Net Weight	3.3 kgs	6 kgs
Power Adapter		

■ Super High Brightness

Typical high brightness monitors usually have more than six CCFLs, but IEI SRM monitors have super high brightness with only four CCFLs. IEI SRM panels are still readable in bright sunlight with fewer backlights and thereby don't power consumption or produce extra heat.



■ Wide Temperature Range

Extended IEI environment testing is performed to ensure the SRM series continues to function properly over its entire service life in a wide working temperature range of -10°C to +60°C in order to accommodate diverse industrial applications such as outdoor kiosks in winter and summer.

Conventional Operation: 0ºC~50ºC

■ Superior Fanless Design and Low Power Consumption

SRM models are fanless and therefore use less power and are more silent than conventional high brightness monitors that use several high-speed cooling fans. SRM models use between 25W and 30W of power compared to the 40W to 50W used by conventional high-brightness monitors.

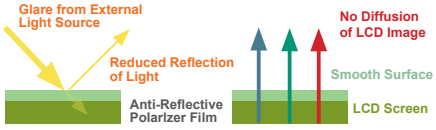
Innovative Auto-Dimming Function

IEI SRM series with auto-dimming functioin can adjust brightness according to ambient light so that users can do their job properly under different lamp house averages, and outdoor environments. This function not only prevents unnecessary brightness that strains eyes, it also saves energy. The SRM series auto-dimming default settings can be easily customized with the OSD menu to suit any environment.

Anti-Reflection Technology

Outdoor applications in daylight or other bright environments require technology that can suppress surface reflection. The SRM has a special AR (anti-reflection) surface treatment to prevent reflection, ensuring excellent visibility in daylight conditions.

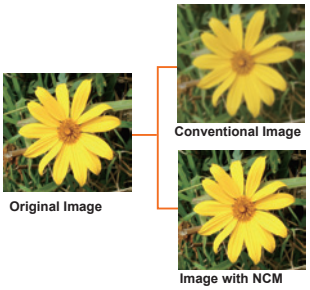
How does the Anti-Reflection Surface work?



- Reduces intensity of reflected light
- Higher contrast
- Colors are more vibrant
- No image distortion

Natural Color Matrix (NCM) Technology

POS terminals and kiosks often display advertisements and colorful images, the colors of which must remain vivid and faithful to the original. The IEI SRM monitor with NCM optimization technology prevents this difference by separating color data and luminance components while controlling individual display colors for optimized performance.



12.1" XGA High Resolution

The SRM-121XA series supports higher resolutions and smaller pixel pitches (0.24mm versus 0.24mm) to deliver great displays. Higher resolution on a high-density display allows more viewable content so that the user does not have to scroll as much to view the entire screen.

12.1" SVGA Screen Capture **12.1" XGA Screen Capture**

XGA Higher Resolution

- Presents vivid and fine display quality
- Increases viewable content

Mounting Kits

	SRM-150GS
Panel Mount Kit	PK-170M
Wall Mount Kit	WK-190MS-R10
Rack Mount Kit	RK-150MS-R10
LCD Monitor Arm	ARM-31
LCD Monitor Stand	STAND-210-R11

Packing List

Description	Part Number	Remark
1 x AC power cable	32000-089900-RS	Length: 1800mm (EU or US, Which type of cord is shipped depends on the contry)
1 x VGA cable	32000-036200-RS	Length:1800mm
1 x DVI cable	32000-086600-RS	Length:1800mm
1 x 36W AC power adapter	63000-FSP036RAB610-RS	Operating Temperature : 0ºC~ +40ºC (for 12V DC Input Model Only)
1 x User manual		
1 x Power cable for terminal block	32100-041001-RS	For M model only
1 x Touch screen RS-232 Cable / USB cable / Driver CDROM	RS-232 Cable:32005-001100-100-RS USB Cable:32001-006100-100-RS	Length:1800mm Length:1500mm
1 x Touch pen	43125-0002C0-00-RS	

Ordering Information

• 12.1" XGA SRM Series

Model	Description
SRM-121XA/R-R20	12.1" 1000cd/m² sun readable XGA LCD monitor, Aluminum Front Panel,Silver Color,w/VGA and DVI-D input, w/12.1" RS-232 and USB Touch Screen, R20, RoHS
SRM-121XMA/R-R21	12.1" 1000cd/m² sun readable XGA LCD monitor, Aluminum Front Panel,Silver Color,w/VGA and DVI-D input,w/9~36V DC input, w/12.1" RS-232 and USB Touch Screen, R21, RoHS

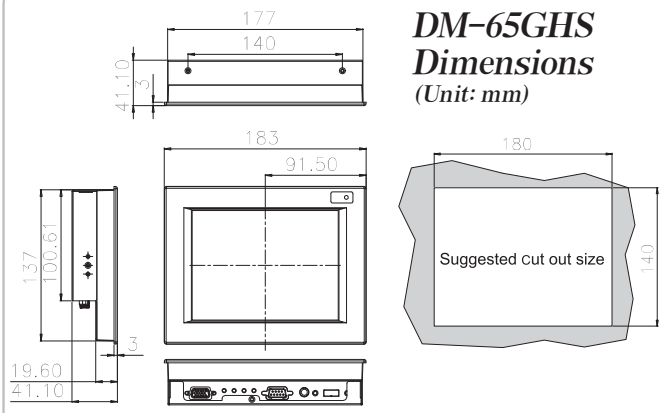
• 15" XGA SRM Series

Model	Description
SRM-150GS/R-R20	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/15" RS-232 and USB Touch Screen, R20, RoHS
SRM-150GMS/R-R21	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input , w/15" RS-232 and USB Touch Screen, R21, RoHS

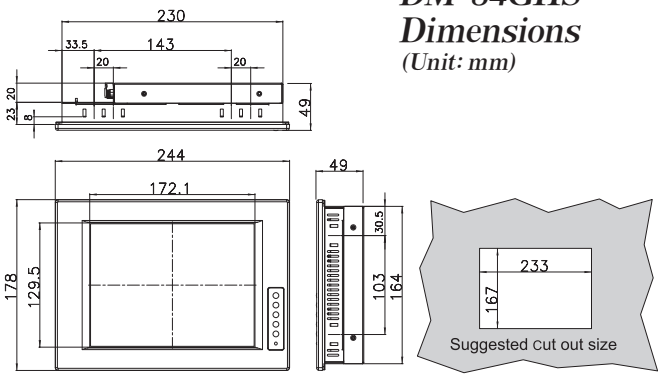
• 12.1"/15" SRM-KIT Series

Model	Description
SRM-KIT121XA-R20	12.1" 1000 cd/m² Sun Rdadable XGA TFT LCD kit,VGA and DVI-D input, R20, RoHS
SRM-KIT150G-R20	15" 800 cd/m² Sun Rdadable XGA TFT LCD kit, VGA and DVI-D input, R20, RoHS
SRM-KIT121XMA-R20	12.1" 1000 cd/m² Sun Readable XGA TFT LCD kit, VGA and DVI-D input, w/9-36V DC input, R20, RoHS
SRM-KIT150GM-R21	15" 800 cd/m² Sun Readable XGA TFT LCD kit, VGA and DVI-D input, w/9-36V DC input, R21, RoHS

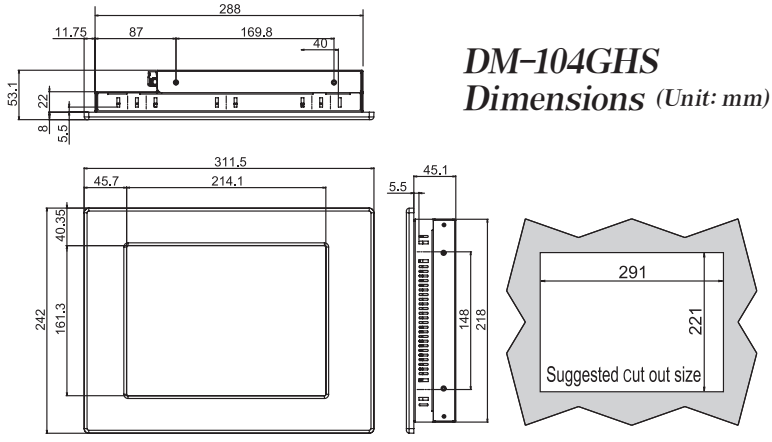
DM-65GHS Dimensions (Unit: mm)



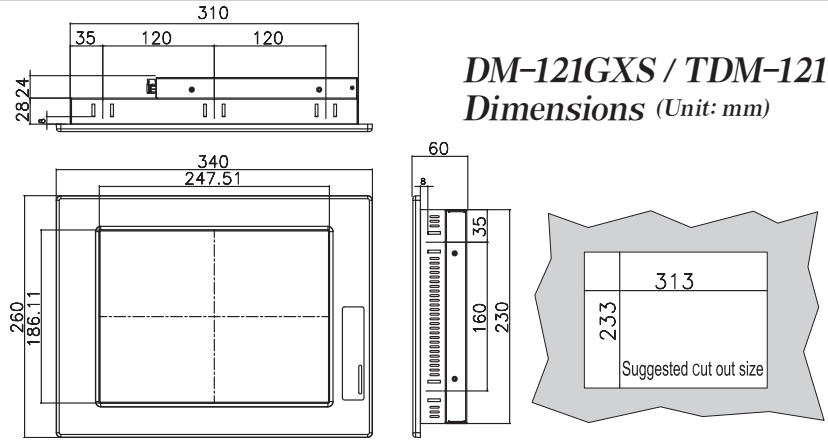
DM-84GHS Dimensions (Unit: mm)



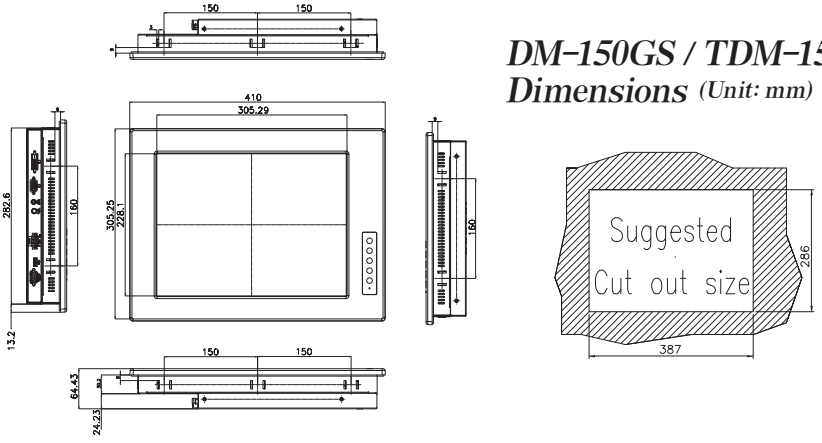
DM-104GHS Dimensions (Unit: mm)

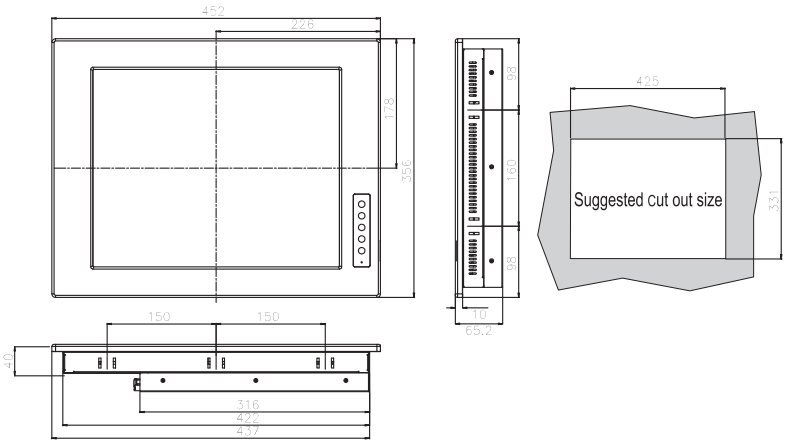


DM-121GXS / TDM-121GMS Dimensions (Unit: mm)

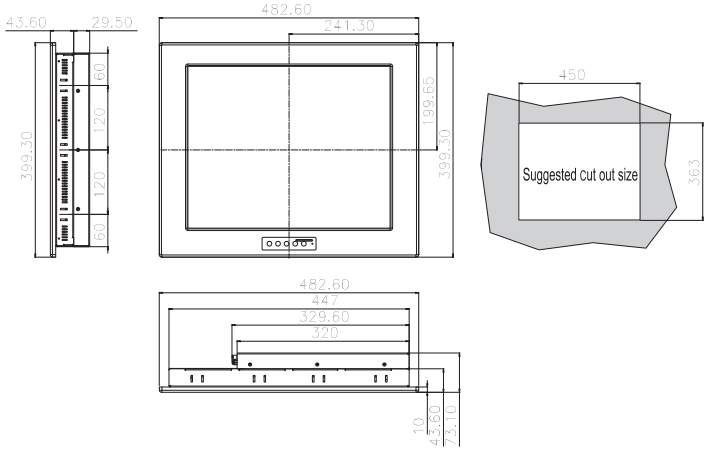


DM-150GS / TDM-150GMS / SRM-150GS Dimensions (Unit: mm)

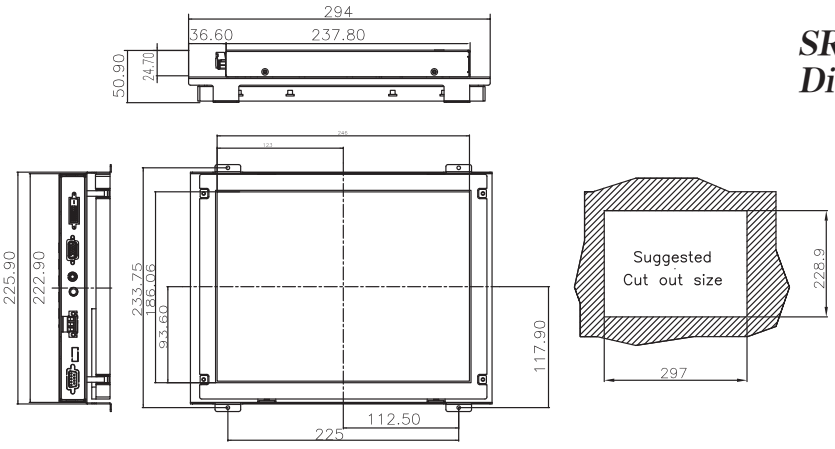




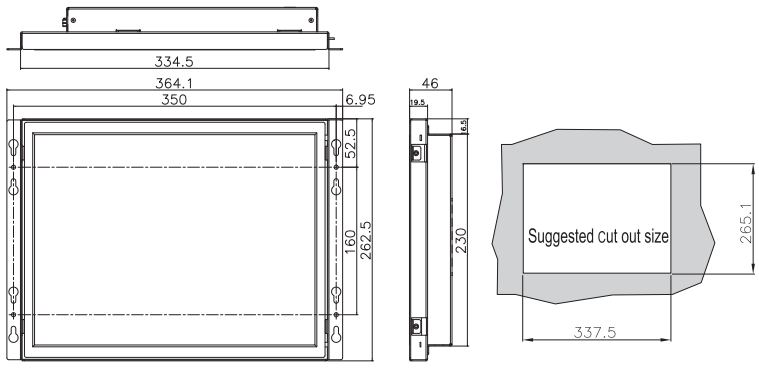
DM-170G Dimensions (Unit: mm)



DM-190G Dimensions (Unit: mm)



SRM-KIT121G Dimensions (Unit: mm)



SRM-KIT150G Dimensions (Unit: mm)